

AA\* 70 - AA\* 119.

27<sup>th</sup> Sept. - 18<sup>th</sup> Oct.

1899.

Hy<sup>d</sup>. 3840 - Hy<sup>o</sup>. 3888.

D<sup>r</sup>. 3687.

106

44 #70 - 27<sup>th</sup> Sept.

To

44 #119 - 18<sup>th</sup> Oct.

1899

---

Hy-

Dr

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log 31.8

No. ~~44~~ #70. Date 27 Sept 1992

Sigsbee Machine. #1 Reel. Built up.

Turns 1486 Cor. + 99 Depth 1585 fms.

Shot or lead

Bottom Volcanic Mud.

Bottom temperature

No. of thermometer } none Cor.

Corrected temperature

Air 84 Surface 80 ✓ Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10 4.10 11. 07.40

4.50 06.20

5.35 05.05

6.20 03.50

7.10 02.30

8 = 11-01.05

8.50 59.35

9.45 58 =

10.45 56.25

11.45 54.50

12.45 53.10

13.45 51.40

14.45 50 =

15.55 48.15

17 = 46.15

10 18.05 10- 44.30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1486

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

17° 21' S.

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

149°

15' 5"

OK  
H.C.S.  
7

3600 153  
1486 54  
2114 9.9  
1486  
1585

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800	new belt.			
900				
1000				

## REMARKS:

Wire four at 1486 - Heaved in and lowered several times.

Shot failed to drop.

P. Log 44-

No. *1171* Date *27<sup>th</sup> Sep 1899.*  
*Sigsbee* Machine. *#1* Reel. *Brill + up.*  
 Turns *719* Cor. + *56* Depth *775 fms.*

Shot or Lead *35<sup>#</sup>*

Bottom *Gr. Volcanic Sand, Magenta*

Bottom temperature

No. of thermometer } *None*, Cor.

Corrected temperature

Air *83* Surface *80* ✓ Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>12.34.15</i>	<i>12.49.00</i>	0		
<i>35.00</i>	<i>48.50</i>	100		
<i>35.50</i>	<i>47.50</i>	200		
<i>36.45</i>	<i>46.50</i>	300		
<i>37.40</i>	<i>46.00</i>	400		
<i>38.40</i>	<i>45.00</i>	500		
<i>39.45</i>	<i>44.00</i>	600		
<i>41.00</i>	<i>43.00</i>	700		
<i>12.41.30</i>	<i>12.42.40</i>	<i>719</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

775

## REMARKS:

No. *1472* Date *27<sup>th</sup> Sep 1899*  
*Lipber* Machine. *#1* Reel. *Build up*  
 Turns *867* Cor. + *60* Depth *867*  
 Shot or lead *35 #*  
 Bottom *vol sand mixed with*  
 Bottom temperature *Coral Sand,*  
 No. of thermometer *none.* Cor.  
 Corrected temperature  
 Air *75* Surface *79* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.32.40</i>	<i>1.57.30</i>	0		
<i>33.40</i>	<i>50.50</i>	100		
<i>34.40</i>	<i>49.50</i>	200		
<i>35.40</i>	<i>48.55</i>	300		
<i>36.50</i>	<i>47.55</i>	400		
<i>37.50</i>	<i>47.00</i>	500		
<i>39.05</i>	<i>45.55</i>	600		
<i>40.30</i>	<i>45.00</i>	700		
<i>41.50</i>	<i>44.40</i>	800		
<i>1.42.00</i>	<i>1.43.50</i>	<i>867</i>		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



17° 26.5' S		2500	149° 32.4' W	
OK		2600		
H.C.S.		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
3600 153		3400		
807 93		3500		
2793 60		3600		
807		3700		
867		3800		
		3900		
		4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *W. H. H. Pat Log 62.6*  
 No. *73574*. Date *5<sup>th</sup> Oct 99*  
*Sigsbee* Machine. #1 Reel. *Built up*

Turns *750* Cor. + *57* Depth *807*  
 Shot or lead *35 pounds*  
 Bottom *Fine Vd. sand, mud.*  
 Bottom temperature  
 No. of thermometer *none* Cor.  
 Corrected temperature  
 Air *74* Surface *79* Drift  
 Trawl or dredge *8 ft. Beam Trawl #74*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>ann 6.53.30</i>	<i>7.11.20</i>	0	<i>ann 7.33.35</i>	<i>04.20</i>
<i>54.45</i>	<i>10.20</i>	100	<i>37.45</i>	<i>10.00.15</i>
<i>55.40</i>	<i>09.25</i>	200	<i>41.50</i>	<i>56 =</i>
<i>56.40</i>	<i>08.40</i>	300	<i>45.35</i>	<i>50.40</i>
<i>57.40</i>	<i>07.40</i>	400	<i>49.45</i>	<i>46 =</i>
<i>58.40</i>	<i>06.40</i>	500	<i>53.25</i>	<i>41.30</i>
<i>59.50</i>	<i>05.45</i>	600	<i>56.40</i>	<i>35.50</i>
<i>7.01.05</i>	<i>04.30</i>	700	<i>8-00.00</i>	<i>26.30</i>
<i>02.00</i>	<i>7.03.50</i>	<i>750</i>	<i>03.05</i>	<i>16.30</i>
		800	<i>07 =</i>	<i>9.07.45</i>
		900	<i>09.50</i>	<i>57.10</i>
		1000	<i>12.20</i>	<i>47.45</i>
		1100		<i>54.50 } 42</i>
		1200	<i>14.30</i>	<i>8.30 =</i>
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1103

17° 27' S  
17° 28.4' S

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

149° 32' 3"  
149° 34' 1"

3600 155  
3700 155  
3800 155  
3900 155  
4000 155

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	From station 73. drifted to about 100° of 472, made haul of haul, & called it station 74.			
50				
100				
200				
300				
400	Depth taken from about 1000 725. Bottom fine s. m.			
500				
600				
700				
800				
900				
1000				

## REMARKS:

Surface Net over at 8.40 am.  
" " in, at 8.55 "  
At depth 10 fms.

Oct 29, 1909

No. 4117 Date *Oct 29 1909*  
Machine. Reel. *Wickup*  
Turns *1493* Cor. + *99* Depth *1592 fms.*  
Shot or lead *35 lbs.*  
Bottom *gy. s. gy. mud, mud, gy.*  
Bottom temperature  
No. of thermometer *7111* Cor.  
Corrected temperature  
Air *80* Surface *80* ✓ Drift  
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>09.20</i>	<i>3.46.10</i>	0		
<i>09.30</i>	<i>45.55</i>	100		
<i>10.00</i>	<i>44.55</i>	200		
<i>10.30</i>	<i>43.55</i>	300		
<i>11.00</i>	<i>42.55</i>	400		
<i>11.30</i>	<i>41.55</i>	500		
<i>12.00</i>	<i>40.50</i>	600		
<i>12.30</i>	<i>40.00</i>	700		
<i>13.00</i>	<i>39.00</i>	800		
<i>13.30</i>	<i>38.00</i>	900		
<i>14.00</i>	<i>37.00</i>	1000		
<i>14.30</i>	<i>36.55</i>	1100		
<i>15.00</i>	<i>36.50</i>	1200		
<i>15.30</i>	<i>36.40</i>	1300		
<i>16.00</i>	<i>36.35</i>	1400		
<i>16.30</i>	<i>36.31.10</i>	<i>1493</i>		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 57' S.

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

149° 29' W.

3600

1.52

1490

54

2107

3.3

1490

1.52

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

007  
M. H. H. H. H. H.  
44

Date 5 Oct 99

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Intermediate

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	6.57.10	37.25
		100	7.01.00	58.10
		200	7.24.40	1.30.1
		300	7.48.20	41.25
		400	8.12.00	1.40
		500	8.35.40	21.25
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 39'	South	2500	149°	11' 78
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS:

Surface at 1000 fms. of  
 800 fms. at 11' 78  
 70 fms. were on lower reel  
 suspended on flange. Hauls to  
 haul out when were carried  
 to haul out, around a corner.

*Cut Log 74.1*

No. *46* Date *Oct 1905*  
 Machine. *Sigsbee* Reel. *1*  
 Turns *2124* Cor. + *125* Depth *2249*  
 Shot or lead *63 lb*  
 Bottom *Lt. Br. Siliceous Mud*  
 Bottom temperature *35°*  
 No. of thermometer *92449* Cor.   
 Corrected temperature   
 Air *70* Surface *80* ✓ Drift   
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7- 6.20	56.25	0		
7.30	55.25	100		
8.20	54.25	200		
9.10	53.25	300		
10.00	52.25	400		
10.50	51.25	500		
11.40	50.20	600		
12.30	49.15	700		
13.35	48.15	800		
14.30	47.10	900		
15.30	46.10	1000		
16.30	45.10	1100		
17.35	44.10	1200		
18.40	42.50	1300		
19.45	41.40	1400		
20.45	40.30	1500		
21.45	39.15	1600		
22.15	37.55	1700		
23.30	36.35	1800		
24.45	35.05	1900		
25.55	33.40	2000		
27.20	32.10	2100		
29.10	31.20	2200		
		2300		
		2400		



15° 56' 10" S	2500	147° 42' 40" W
610	2600	
310	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	3620
	3600	2140
	3700	1450
	3800	153
	3900	21
	4000	135
		2135
		2257

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Port Reg 4.

No. 77 Date 7 Oct 79  
 Machine #1 Reel. 3rd up  
 Turns 1285 Cor. + 86 Depth 1321 fms  
 Shot or lead 60 #  
 Bottom Glob. gy. bk. m. s. w.  
 Bottom temperature 36  
 No. of thermometer 92472 Cor.  
 Corrected temperature  
 Air 78 Surface 78 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
19. 24. 15	19. 50. 20	0		
25. 00	49. 20	100		
25. 10	48. 20	200		
26. 30	47. 20	300		
27. 30	46. 30	400		
28. 15	45. 30	500		
29. 10	44. 15	600		
30. 05	43. 10	700		
31. 10	42. 10	800		
32. 10	41. 55	900		
33. 10	40. 10	1000		
34. 50	39. 30	1100		
35. 20	38. 00	1200		
12. 35. 55	12. 37. 30	1235		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 05' S

147° 11' W

C-10  
H-10

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3600  
1235  
2365

152  
67  
86  
12  
1521

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log 37.1

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16° 08' 53.5"	2500	146°	42' 20"
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800	3600	153
	3900	500	10
	4000	500	5

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

19

Depth

252 fms.

Shot or lead

Bottom

Coral sand glob 3

Bottom temperature

No. of thermometer

Nine

Cor.

Corrected temperature

Air

77

Surface

79

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

7-24-	36.25	0		
32.40	35-	100		
33.20	33.55	200		
33 -	9-33.40	232		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 10'	South	2500	146° 23' 74
		2600	
		2700	to about 3/4 mile
		2800	west of valley
		2900	on west shore
		3000	of Dixon & Co.
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
30 0	153	3700	
23 3	134	3800	
3 67	1 9	3900	
5 3	23 3	4000	
	25 9		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3258* Date *7 Oct 1907*  
 Machine *T* Reel *1/2*  
 Turns *455* Cor. + *36* Depth *491m*  
 Shot or lead *35 Lb*  
 Bottom *Coral sand & sh.*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *79* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-2.30</i>	<i>16.35</i>	0		
<i>3.00</i>	<i>16.5</i>	100		
<i>3.45</i>	<i>16.45</i>	200		
<i>6.00</i>	<i>16.30</i>	300		
<i>8.30</i>	<i>11.50</i>	400		
<i>9.30</i>	<i>11.10</i>	455		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



16° 11' 30" S 146° 28' 31" E 3650 455 31	153 117 56 455 291	2500	146° 28' 31" E 500 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000	
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

1.42.20	1.07.10	0		
43.10	56.30	100		
44.10	55.20	200		
45.00	54.10	300		
46.00	53.00	400		
47.00	51.50	500		
48.10	50.40	600		
48.50	1.20.00	628		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 54' 20" S	2500	146° 20' 20" W
OK	2600	
2500	2700	
	2800	
	2900	
	3000	
Per on following	3100	3600 113
beings: Nieu	3200	628 104
530 ft. distant	3300	7972 49
14 miles; 2000	3400	628
N 72° E. dist 11.5	3500	677
Kaukura N 54° W	3600	
dist. not known	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

83.5

No. *AA, 82* Date *Oct 1899*  
 Machine. *#4* Reel. *Reel 2/15*  
 Turns *627* Cor. + *48* Depth *675 fms*  
 Shot or lead *35#*  
 Bottom *fine op. gy.*  
 Bottom temperature *71.5*  
 No. of thermometer *9244* Cor.  
 Corrected temperature  
 Air *81* Surface *70* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2. 34.15</i>	<i>3. 10.15</i>	0		
<i>35-10</i>	<i>48.35</i>	100		
<i>31.55</i>	<i>47.25</i>	200		
<i>30.50</i>	<i>46.20</i>	300		
<i>30.45</i>	<i>45.10</i>	400		
<i>29.50</i>	<i>44.00</i>	500		
<i>40.00</i>	<i>42.55</i>	600		
<i>2 110.30</i>	<i>3 41.30</i>	<i>627</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 43'	South	2500	146° 20' W	
		2600		
		2700		
		2800		
		2900		
		3000	3600	11.3
		3100	62.7	10.5
		3200	29.73	4.8
		3300		62.7
		3400		67.8
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

OK  
H.C.S.  
Apadakei Island  
North 6 miles;  
Kaukura 560° 7'  
9 miles; about  
12 miles north  
of Apadakei.

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *A. A. 83* Date *7 Oct. 99*  
*the* Machine. *1* Reel. *Br*  
 Turns *309* Cor. + *24* Depth *333*  
 Shot or lead *35 lb round*  
 Bottom *OH*  
 Bottom temperature  
 No. of thermometer *none* Cor.  
 Corrected temperature  
 Air *20* Surface *20* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.25</i>	<i>6.22.05</i>	0		
<i>13.45</i>	<i>20.45</i>	100		
<i>15.00</i>	<i>19.35</i>	200		
<i>16.20</i>	<i>17.00</i>	300		
<i>17.30</i>	<i>15.50</i>	<i>309</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 34' South	2500	146° 26' W
HCS	2600	
	2700	
	2800	
About 1/2 mile	2900	
5 m. N. of Rakaka	3000	
Entrance to	3100	
Apitaki.	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	3600
	3900	330
	4000	3271
		1.53
		1.23
		2.33
		2.33

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1.21.50	34.41	0		
1.22.00	33.43	100		
1.22.15	32.45	200		
1.22.30	31.53	300		
1.22.45	30.50	400		
1.23.00	29.45	500		
1.23.15	28.45	569		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



15° 35'	146° 27' 30" S	2500	
		2600	to about 2 miles
		2700	S. 50° W., of
		2800	Fakaka submarine
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
31.7	1.5	3600	
56.9	1.0	3700	
3.3	0.4	3800	
	56.2	3900	
	61.3	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *55* Date *8 Oct 94*  
 Machine. Reel. *Wells*  
 Turns *481* Cor. + *39* Depth *520 fms.*  
 Shot or lead *35 lb*  
 Bottom *fine sand*  
 Bottom temperature  
 No. of thermometer } *none* Cor.  
 Corrected temperature  
 Air *81* Surface *80* Drift  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>8.58.40</i>	<i>11.30</i>	0		
<i>59.40</i>	<i>10.10</i>	100		
<i>1.00.50</i>	<i>09.05</i>	200		
<i>02.10</i>	<i>08.00</i>	300		
<i>03.30</i>	<i>07.05</i>	400		
<i>05.00</i>	<i>6.16.00</i>	<i>481</i> 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. *1186* Date *8 Oct. 1899*  
*Supbu* Machine. *1* Reel. *Built up*  
 Turns *600* Cor. + *46* Depth *654 fms*  
 Shot or lead *35 lb*  
 Bottom *Gr Coral sand*  
 Bottom temperature *38.8*  
 No. of thermometer *69479* Cor.  
 Corrected temperature  
 Air *80* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.49.40</i>	<i>03.30</i>	0		
<i>50.70</i>	<i>04.10</i>	100		
<i>51.30</i>	<i>05.00</i>	200		
<i>52.00</i>	<i>06.00</i>	300		
<i>52.15</i>	<i>07.00</i>	400		
<i>52.45</i>	<i>08.00</i>	500		
<i>53.15</i>	<i>09.00</i>	600		
<i>1-7.30</i>	<i>10.00</i>	<i>600</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 18' 10" S		2500	146° 23' 00" W
OK		2600	
H. 0. 0.		2700	About 1 mile off
		2800	NE corner of
		2900	Apataki Is.
		3000	
		3100	
3600	103	3200	
608	107	3300	
7992	416	3400	
	608	3500	
	614	3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *111* Date *Aug 11 1881*  
*W.C.C.* Machine. *#1* Reel. *15 min*  
Turns *275* Cor. + *14* Depth *289 fms*  
Shot or lead *35 lb round*  
Bottom *Co. Coral sand*  
Bottom temperature *72.0*  
No. of thermometer *804* Cor.  
Corrected temperature  
Air *81* Surface *80* Drift  
Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

15° 15' S	2500	145° 27' W
	2600	
	2700	Depth 7 miles
	2800	NE. 1/4
	2900	SE. 1/4
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	12 75
	3900	13 25
	4000	13 40

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Cat Log.*

No. *11*

Date *9 Dec 1914*

Machine. *1*

Reel. *1*

Turns *333* Cor. + *27*

Depth *360 fms*

Shot or lead *35 lb.*

Bottom *Co. Co. S.*

Bottom temperature

No. of thermometer

*none* Cor.

Corrected temperature

Air *80*

Surface *80*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>0.5</i>	<i>11.25</i>	<i>0</i>
<i>0.25</i>	<i>10.30</i>	<i>100</i>
<i>05.10</i>	<i>09.30</i>	<i>200</i>
<i>06.25</i>	<i>08.25</i>	<i>300</i>
<i>06.50</i>	<i>08.05</i>	<i>333</i>
		<i>400</i>
		<i>500</i>
		<i>600</i>
		<i>700</i>
		<i>800</i>
		<i>900</i>
		<i>1000</i>
		<i>1100</i>
		<i>1200</i>
		<i>1300</i>
		<i>1400</i>
		<i>1500</i>
		<i>1600</i>
		<i>1700</i>
		<i>1800</i>
		<i>1900</i>
		<i>2000</i>
		<i>2100</i>
		<i>2200</i>
		<i>2300</i>
		<i>2400</i>



7/8 mile trail	2500	
at 3100 ft. Dotted	2600	
(center)	2700	
310	2800	
310	2900	
2	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
3600	3600	
3500	3700	
3500	3800	
3500	3900	
	4000	

153  
 120  
 373  
 373

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*P. Log 13.2*

No. *1104* Date *11/24/89*  
Machine *#1* Reel *Reel 1*  
Turns *516* Cor. + *43* Depth *559*  
Shot or lead *35 lb*  
Bottom *gy. sand, G.R.*  
Bottom temperature  
No. of thermometer *10710* Cor.  
Corrected temperature  
Air *82* Surface *80* Drift  
Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>8.19.50</i>	<i>9.34.35</i>	0		
<i>21.05</i>	<i>33.20</i>	100		
<i>22.15</i>	<i>32.05</i>	200		
<i>23.25</i>	<i>31.35</i>	300		
<i>25.00</i>	<i>30.30</i>	400		
<i>26.10</i>	<i>29.20</i>	500		
<i>27.20</i>	<i>28.10</i>	<i>556</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 03' 30" S, 145° 43' W.

H. 1000		2500	Depth 1 mile
		2600	11290 ft. (true)
		2700	1000 fathoms
		2800	Sakura Bay
		2900	
		3000	
		3100	3600 1253
		3200	506 116
		3300	3000 43
		3400	506
		3500	597
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1111 Date July 10 1880

Machine. Reel.

Turns 618 Cor. + 48 Depth 666 fms

Shot or lead 35 lb

Bottom fine sand &amp; shells

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 81

Surface 80

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

648

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16-02' South 148-43' 30" W.

<div>OK</div> <div>7/11</div> <div>1</div> <div>61.5</div> <div>61.5</div>		2500	About 3 1/2 m N 35° W. (then for North bottom to Falkland 30
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*5.10.18*  
*11.10.18*  
 No. *91* Date *14 Oct 9*

*Lat Long 63.*

Machine. Reel.

Turns Cor. + *4 1/2* Depth *602 fms*

Shot or lead *35*

Bottom *602*

Bottom temperature *78.0*

No. of thermometer *2129* Cor.

Corrected temperature

Air *87* Surface *80* Drift

Trawl or dredge *1 ft. dredge to 26 ft.*

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>3.10.00</i>	<i>51.10</i>
		100		<i>42.0</i>
	<i>41.50</i>	200	<i>4.10.00</i>	<i>33.0</i>
	<i>41.55</i>	300	<i>5.10.00</i>	<i>24.0</i>
	<i>42.00</i>	400	<i>09.00</i>	<i>15.0</i>
		500		<i>06.0</i>
<i>3.10.00</i>		<i>557</i>		<i>31.15</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	about 2 miles
2600	3rd of 5th in
2700	of Tokara
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	5630 1.53
3700	558 1.10
3800	5441 7.0
3900	
4000	

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

REMARKS:

No. *92* Date *14 June 1917*  
*Sigsbee* Machine. #1 Reel. *Sigsbee*  
 Turns *780* Cor. + *59* Depth *839*  
 Shot or lead *60 lbs*  
 Bottom *fm. Co. S. mang.*  
 Bottom temperature *76°*  
 No. of thermometer *92415* Cor.  
 Corrected temperature  
 Air *59* Surface *59* Drift  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>6-04.50</i>	<i>20.45</i>	0		
<i>05.25</i>	<i>19.30</i>	100		
<i>06.05</i>	<i>18.35</i>	200		
<i>06.50</i>	<i>17.30</i>	300		
<i>07.35</i>	<i>16.30</i>	400		
<i>08.25</i>	<i>15.30</i>	500		
<i>09.15</i>	<i>14.25</i>	600		
<i>10.10</i>	<i>13.15</i>	700		
<i>10.50</i>	<i>6-12.10</i>	<i>780</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



16° 44' South, 145° 25' W.

01C 7-23 2		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
	153	3100	
	94	3200	
	59	3300	
	110	3400	
	834	3500	
3411 780 2820		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2090

Date 14 Oct 07

Machine. Reel. Built up

Turns/215 Cor. + 85

Depth 300 fms

Shot or lead 60 #

Bottom S. gy. S. gy. S. gy.

Bottom temperature 35.7

No. of thermometer 92449 Cor.

Corrected temperature

Air 79 Surface 80 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7:44.00 10.10

0

44.15 09.10

100

45.50 08.10

200

46.30 07.10

300

47.20 06.15

400

48.00 05.15

500

49.00 04.10

600

50.00 03.05

700

51.00 02.00

800

52.10 01.00

900

53.15 59.10

1000

54.20 58.00

1100

55.30 57.00

1200

7:55.00 56.50

1215

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16° 51' South, 145° 42' W.

<div> <div> <div>16</div> <div>51</div> </div> <div> <div>South</div> <div>145° 42' W.</div> </div> </div>		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
	3600	1215	3200
	1715	68	3300
	2385	85	3400
		1215	3500
		1300	3600
			3700
			3800
			3900
			4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine

Reel

Turns/134 Cor. +

Depth/531

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

9.34.30	10.15.10	0		
31.40	14.25	100		
36.20	13.20	200		
37.25	12.50	300		
38.50	11.15	400		
40.20	10.10	500		
42.00	09.10	600		
43.40	08.00	700		
45.30	06.15	800		
47.20	05.30	900		
49.10	03.45	1000		
50.20	02.40	1100		
51.20	10.00.00	1200		
52.30	59.30	1300		
53.40	58.30	1400		
54.00	57.50	1434		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 57' South 145° 49' W

91C  
~~1403~~  
 2

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

2400  
 1434  
 2166

103  
 156  
 97  
 1434  
 11531

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Tat Log 5.3

No. *0095* Date *15 Oct 1911*  
 Machine. #1 Reel. *1911*  
 Turns *1007* Cor. + *72* Depth *1079 fms.*  
 Shot or lead *33*  
 Bottom *gy. sh. sp.*  
 Bottom temperature *36.1*  
 No. of thermometer *92* Cor.  
 Corrected temperature  
 Air *73* Surface *71* Drift  
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>3 20</i>	<i>2. 20</i>	0		
<i>4 20</i>	<i>0. 10</i>	100		
<i>5 20</i>		200		
<i>6 20</i>	<i>54. 55</i>	300		
<i>7 20</i>	<i>54. 55</i>	400		
<i>8 20</i>	<i>56. 55</i>	500		
<i>11 20</i>	<i>58. 55</i>	600		
<i>45 10</i>	<i>58. 55</i>	700		
<i>46 00</i>	<i>53. 35</i>	800		
<i>47 00</i>	<i>52. 30</i>	900		
<i>48 00</i>	<i>1 50. 45</i>	1000		
<i>48 00</i>	<i>1 50. 40</i>	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 09' north 146° 00' W

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	2000
	3800	1000
	3900	500
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Log. 2013

No. *15-15-19* Date *15-15-19*  
 Machine. *1* Reel. *1*  
 Turns *75* Cor. + *39* Depth *527 fms.*  
 Shot or lead *60*  
 Bottom *Co. gy. s. gy. m. s. gy.*  
 Bottom temperature *39.7*  
 No. of thermometer *92449* Cor.  
 Corrected temperature  
 Air *77* Surface *77* Drift  
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>5-</i>	<i>40.15</i>	<i>45.25</i>	0		
	<i>33.30</i>	<i>44.05</i>	100		
	<i>35.50</i>	<i>42.55</i>	200		
	<i>36.55</i>	<i>41.40</i>	300		
	<i>37.15</i>	<i>40.30</i>	400		
	<i>45 =</i>	<i>5.39.10</i>	<i>488</i> 500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		



17° 14' 30" South 148° 49' 00" W

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
3.10	3100	53
	3200	174
12	3300	37
	3400	527
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*North* Cat Log. 26.3.  
 No. *A. A. 97* Date *15 Oct 14*  
*Sigsbee* Machine. Reel. *Brake*  
 Turns *777* Cor. + *57* Depth *504 fms*  
 Shot or lead *35 lb*  
 Bottom *sl. gy. Mang.*  
 Bottom temperature }  
 No. of thermometer } *none* Cor.  
 Corrected temperature }  
 Air *80* Surface *79* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>53.30</i>	<i>53.00</i>	0		
<i>54.10</i>	<i>51.35</i>	100		
<i>55.00</i>	<i>50.23</i>	200		
<i>56.25</i>	<i>49.30</i>	300		
<i>57.45</i>	<i>48.30</i>	400		
<i>59.05</i>	<i>47.30</i>	500		
<i>40.25</i>	<i>46.25</i>	600		
<i>41.50</i>	<i>45.20</i>	700		
<i>43.40</i>	<i>44.50</i>	<i>777</i> 800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 17' South 145° 45' 30" W

OK  
H.C.B.  
2

3600  
747  
2853

153  
96  
57  
747  
804

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *11* Date *15*  
*Machine.* *Reel.*  
 Turns *576* Cor. + *42* Depth *618*  
 Shot or lead *35*  
 Bottom *fine sand*  
 Bottom temperature  
 No. of thermometer } *none* Cor.  
 Corrected temperature  
 Air *80* Surface *79* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>51.30</i>	<i>51.30</i>	0		
<i>33.30</i>	<i>50.30</i>	100		
<i>31.30</i>	<i>49.30</i>	200		
<i>29.30</i>	<i>48.30</i>	300		
<i>27.30</i>	<i>47.30</i>	400		
<i>25.30</i>	<i>46.30</i>	500		
<i>23.30</i>	<i>45.30</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

170° 21' South		145° 41' 30" W	
<div> <div> <div>153</div> <div>107</div> <div>46</div> <div>596</div> <div>642</div> </div> <div> <div>596</div> <div>3004</div> </div> </div>		2500	<del>66.2</del>
		2600	<del>66.2</del>
		2700	<del>66.2</del>
		2800	<del>66.2</del>
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2199*, Date *10<sup>th</sup> Oct. 99.*  
*Seabell* Machine. *711* Reel. *Wright*  
 Turns *526* Cor. + *42* Depth *568 fms.*  
 Shot or lead *35 lb*  
 Bottom *cr, cor, gy. M. g. m. s.*  
 Bottom temperature *50.2*  
 No. of thermometer *72449* Cor.  
 Corrected temperature  
 Air *81*, Surface *79*, Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.44.56</i>	<i>7.03.50</i>	0		
<i>50. 75</i>	<i>02.10</i>	100		
<i>51. 35</i>	<i>01.00</i>	200		
<i>52. 40</i>	<i>59.05</i>	300		
<i>53. 50</i>	<i>58.00</i>	400		
<i>54. 55</i>	<i>56.40</i>	500		
<i>8.55.30</i>	<i>8.56.15</i>	<i>526</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 22' South - 145° 37' W.

<p>CR 500</p> <p>3600 526 3074</p>		2500	<p>about 13/10 m off the NW face of Line</p>
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *A. A. 100* Date *15 Oct 99*  
*Sigsbee* Machine. *#1* Reel *3000*  
 Turns *209* Cor. + *16* Depth *225 fms*  
 Shot or lead *35 lb*  
 Bottom *crs. sand*  
 Bottom temperature  
 No. of thermometer *11010* Cor.  
 Corrected temperature  
 Air *85* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.28.10</i>	<i>11.34.30</i>	0		
<i>29.35</i>	<i>33.15</i>	100		
<i>30.45</i>	<i>32.00</i>	200		
<i>11.31.00</i>	<i>11.31.00</i>	<i>209</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



17° 20' South		2500	145° 21' W
		2600	
		2700	1/4 mi North
		2800	of Cinda
		2900	entrance.
		3000	
2600	113	3100	
209	137	3200	
3291	116	3300	
	209	3400	
	225	3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *0414* 101 Date*2400* Machine. Recl.Turns *101* Cor. + *1* Depth *102*Shot or lead *3*Bottom *Clay. s.*

Bottom temperature

No. of thermometer *9222* Cor.

Corrected temperature

Air *84* Surface *80* Drift

Trawl or dredge

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>12:10</i>		0		
<i>11:50</i>		100		
<i>10:50</i>		200		
<i>10:05</i>		300		
<i>09:05</i>		400		
<i>08:00</i>		500		
<i>06:50</i>		600		
<i>05:40</i>		700		
<i>04:30</i>		800		
<i>03:20</i>		900		
<i>02:10</i>		1000		
<i>1:00:35</i>	<i>1.01:40</i>	<i>1036</i>		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 16' S 145° 27' W 5 miles N 50° E. (W) of Area outboard	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Recl.

Turns Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

2700 3.0230

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

20 24350 1547

1600

1700

1800

1900

2000

2100

2200

2300

2400

17° 10' S	2500	145° 19' W
611	2600	
3545	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns/24 Cor. +

Depth 3 fms.

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4-52.05	28.45	0		
52.50	27.35	100		
53.35	26.30	200		
54.20	25.25	300		
55.10	24.25	400		
56.00	23.25	500		
56.50	22.25	600		
57.45	21.20	700		
58.40	20.10	800		
59.40	19.05	900		
5-00.40	18.05	1000		
		1100		
02.50	16.00	1200		
		1300		
05.12	13.35	1400		
06.20	12.35	1500		
08.35	10.35	1600		
09.10	5.10	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 03' S. 145° 08' 30" W.			
3600 1629 1971	153 49 104 1627 1733	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4-571



16° 55' South 145° 03' 21"

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
3600	153	3300	
900	87	3400	
<u>2400</u>	<u>66</u>	3500	
	900	3600	
	<u>966</u>	3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

A. 2. 105

Date

15 Oct 98

Machine.

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

35 lb

Bottom

Goral Sand

Bottom temperature

No. of thermometer

92446

Cor.

Corrected temperature

Air

81

Surface

80

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7-30

61.50

0

45.25

60.40

100

48.25

59.35

200

49.35

58.35

300

50.55

57.30

400

52.20

56.20

500

53.45

55.05

600

54.05

7-55

605  
700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16° 52' South 145° 00' W.			
OK 11.50		2500	About 2 miles
		2600	West of
		2700	South of
		2800	Point of
		2900	Island
		3000	Is.
		3100	
		3200	
		3300	
		3400	
3600	153	3500	
608	107	3600	
2992	46	3700	
	608	3800	
	654	3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

H. Log.  
A.A. 106

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or Lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

17.30

23.30

0

18.10

22.30

100

19.30

21.30

200

20.30

20.30

240

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16° 55' South, 144° 56' W.

<p>(1)</p> <p>3600</p> <p>112</p> <p>500</p> <p>1000</p>		2500	<p>About 2 mile</p> <p>about 3 mile</p> <p>SE. of the 5th</p> <p>mile of</p> <p>Tahiti</p>
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

107

Date

16

Machine.

Reel.

Turns 452 Cor. +

2

Depth

Shot or lead

35 #

Bottom

Bottom temperature

74.0

No. of thermometer

80

Cor.

Corrected temperature

Air

82

Surface

80

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

22 30	34 45	0
23 35	33 35	100
24 40	32 25	200
25 55		300
27 20	30 00	400
27 45	29 35	500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16° 24' South

710  
HCS

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

149° 59' 74  
about 1 mile  
HCS of 215  
return to  
Nakama Isl.

3600 1.52  
4.22 11.8  
5.23 3.5  
4.22  
26.7

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *108* Date *16 Oct. 19*Machine. *1*Reel. *12*Turns *726* Cor. + *50*Depth *856 fms*Shot or lead *35*Bottom *Pterop. Coral*Bottom temperature *42.2*No. of thermometer *80*

Cor.

Corrected temperature

Air *81*Surface *82*

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>23 30</i>	<i>42.30</i>	0
<i>24 30</i>	<i>41.35</i>	100
<i>25 30</i>	<i>40.30</i>	200
<i>26 30</i>	<i>39.30</i>	300
<i>27 30</i>	<i>38.25</i>	400
<i>28 30</i>	<i>37.20</i>	500
<i>29 30</i>	<i>36.15</i>	600
<i>30 30</i>	<i>35.10</i>	700
<i>32 00</i>	<i>33.50</i>	<i>796</i>
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400



16° 20' South	2500	143° 55' W
(9/6)	2600	About 4 miles
1/5	2700	North of the
17	2800	N.W. end of
	2900	MacKinnon Id.
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	3600 1.50
	3700	2.00
	3800	2.50
	3900	3.00
	4000	3.50

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Oct. 10, 1894

No.

Date

Machine

Reel

Turns

Cor. +

Depth

Shot or lead

35 Lbs.

Bottom

Glob. Ten. G. C. C.

Bottom temperature

74.2°

No. of thermometer

7242

Cor.

Corrected temperature

Air

50

Surface

50

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9-22.15	45 =	0		
23.25	43.50	100		
23.55	42.50	200		
24.50	41.40	300		
25.45	40.35	400		
26.45	39.30	500		
27.50	38.25	600		
28.55	37.15	700		
29.10	36 =	800		
30.20	34.35	900		
30.45	34.20	920		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 13' South	2500	143° 48' East
0-15	2600	
1000	2700	
2	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
3600	3400	
920	3500	
2050	3600	
153	3700	
86	3800	
67	3900	
920	4000	
2050		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *110* Date *16 Oct 99*  
 Machine. *#7* Reel. *Brick*  
 Turns *1011* Cor. + *73* Depth *1084*  
 Shot or lead *35*  
 Bottom *Sh. oz. gy. Yellow Hy*  
 Bottom temperature *36.3*  
 No. of thermometer *92449* Cor.  
 Corrected temperature  
 Air *80* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.55.50</i>	<i>12.18.15</i>	0		
<i>58.40</i>	<i>17.40</i>	100		
<i>57.30</i>	<i>16.35</i>	200		
<i>56.20</i>	<i>15.30</i>	300		
<i>55.10</i>	<i>14.30</i>	400		
<i>54.00</i>	<i>13.30</i>	500		
<i>52.10</i>	<i>12.20</i>	600		
<i>50.15</i>	<i>11.10</i>	700		
<i>48.25</i>	<i>09.50</i>	800		
<i>46.40</i>	<i>08.50</i>	900		
<i>44.55</i>	<i>07.20</i>	1000		
<i>12.06.20</i>		<i>1011</i>		
		<i>1100</i>		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11' 03' 8" - 143° 32' 20" W

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
3600	153	3500	
1011	80	3600	
2589	73	3700	
	1011	3800	
	1084	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *111* Date *17 Oct 95*  
 Machine. *Reel*  
 Turns *1698* Cor. + *107* Depth *1805*  
 Shot or lead *25-lb*  
 Bottom *Go. of. gy. Yellow G.*  
 Bottom temperature *31.2*  
 No. of thermometer *92146* Cor.  
 Corrected temperature  
 Air *79* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 12.50	3. 41.45	0		
03. 20	40. 10	100		
04. 55	42. 00	200		
05. 10.5	41. 00	300		
06. 20	39. 50	400		
07. 10	38. 50	500		
08. 10	37. 45	600		
09. 20	36. 35	700		
10. 35	35. 30	800		
11. 30	34. 25	900		
12. 45	33. 15	1000		
13. 10	32. 20	1100		
14. 05	31. 15	1200		
15. 20	30. 10	1300		
16. 00	28. 55	1400		
17. 20	27. 45	1500		
18. 40	26. 45	1600		
19. 20	25. 20	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 53'

143° 26' 7"

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log 133

No. 57 Date

Machine. Reel.

Turns 1470 Cor. + 98 Depth 1568  $\frac{1}{2}$  fms

Shot or lead

Bottom

Bottom temperature 35.40

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

63310	7.0415	0		
3400	0310	100		
3445	0210	200		
3530	0110	300		
3600	0010	400		
3700	5900	500		
3850	5800	600		
3950	5700	700		
4050	5600	800		
4130	5500	900		
4130	5350	1000		
4230	5245	1100		
4330	5135	1200		
4435	5020	1300		
4540	4900	1400		
4630	4750	1470		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



15° 54 South 143° 06' W

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3600  
1470  
1470

153  
5.5  
98  
1470  
1568

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Oct Log. 33.3

No. *A. D. 113* Date *17 Dec 44*

Machine. *#1* Reel. *Built up*

Turns *1408* Cor. + *95* Depth *1503 fms.*

Shot or lead *35 lb*

Bottom *Yl. br. gy. Lt. gy. brown*

Bottom temperature *72.6°*

No. of thermometer *61167* Cor.

Corrected temperature

Air *81* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*49.45*

*24.40*

0

*50.40*

*23.35*

100

*51.35*

*22.35*

200

*52.30*

*21.30*

300

*53.30*

*20.30*

400

*54.30*

*19.25*

500

*55.25*

*18.25*

600

*56.20*

*17.20*

700

*57.10*

*16.15*

800

*58.00*

*15.15*

900

*59.00*

*14.15*

1000

*00.10*

*13.15*

1100

*01.10*

*12.15*

1200

*02.10*

*11.15*

1300

*03.10*

*10.20*

1400

*04.20*

*09.45*

1500

*06.30*

*08.40*

1600

1700

1800

1900

2000

2100

2200

2300

2400

1		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
3600	153	3400	
1405	58	3500	
	<u>95</u>	3600	
2192	1405	3700	
	<u>1503</u>	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

114

Date

17<sup>th</sup>

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

35 pounds

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

85

Surface

80

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

118 20	47.10	0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

07 H.C.G. <hr/> 1600 1500 <hr/> 2100 1200 <hr/> 1300		2500	W.S. 44' 5X
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P. Log 48.5

No.

Date

Machine.

Reel.

Turns 487

Cor. +

21

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1. 29.00 1. 51.00  
40.10 20.00  
41.50 48.55  
47.20 47.55  
48.40 46.45  
1. 11.20 1. 45.45

487

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

12 07 1887		2500	1800 24 7 1887
		2600	
05 12 1887		2700	1 1/2 miles off the Redd Bank of Tacoma B.C.
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
3600	101"	3400	
487	114	3500	
3112	21	3600	
	487	3700	
	508	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 116 Date 18 Oct 1899  
 Machine. 1 Reel. 15m  
 Turns 570 Cor. + 12 Depth 572 fms  
 Shot or lead 35  
 Bottom gy. m.  
 Bottom temperature 38.7  
 No. of thermometer 72445 Cor.   
 Corrected temperature   
 Air 78 Surface 79 Drift   
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
33 30	34 50	0		
34 00	34 50	100		
33 00	34 50	200		
34 10	34 50	300		
35 10	34 50	400		
36 20	34 50	500		
36 40	37 50	530		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



1-7-22	S. 111	2500	420	14.5
		2600		
		2700	1/2 mile	14.5
		2800	2 1/2 miles	14.5
		2900	3 miles	14.5
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	3350	103
		3600	530	111
		3700	3370	42
		3800		531
		3900		572
		4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 522 Cor. + 41 Depth 563 fms

Shot or lead

Bottom

Bottom temperature

No. of thermometer 92449 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

11.55	22.15	0
12.00	21.20	100
12.50	20.25	200
14.50	19.35	300
15.00	18.40	400
16.20	17.35	500
16.40	17.30	522
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

142° 16' West	2500
Midway between	2600
Raroia and	2700
Takume Ids.	2800
	2900
	3000
	3100
	3200
	3300
	3400
	3500
	3600
522	3700
5071	3800
	3900
	4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

## Cat Log

No. *A. A. 118* Date *18 Oct 99*Sigsbee Machine # *1* Reel. *Built Wp.*Turns *585* Cor. + *45* Depth *630 fms*Shot or lead *35 lb.*Bottom *Coral sand Mang Pass.*Bottom temperature *38.2°*No. of thermometer *92449* Cor.

Corrected temperature

Air *80* Surface *80* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*am* 11-10.30 26 =

11.25 24.10

12.25 23 =

13.40 21.55

15 = 20.50

16.30 19.50

17.40 18.45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

16° 12' South

OK  
H. J. J.  
2

3600 153  
585 108  
3015 45  
585  
630

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

142° 31' W

About 1 mile off  
SW Point of  
Rarua Atoll.

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*St. Mary*

*P. Log, 26. 4*

No. *9. 119* Date *Oct. 18-99*  
*Machine. #1* Reel. *Built up*

Turns *1420* Cor. + *96* Depth *1516 fm.*

Shot ~~*on 1000*~~ *35 #*

Bottom *Glob. & magnese par.*

Bottom temperature *35.5*

No. of thermometer *924149* Cor.

Corrected temperature

Air *79* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*PM*  
*1.28.30* *2.06.50*  
*29.30* *05.40*  
*30.35* *04.35*  
*31.40* *03.30*  
*33.05* *02.20*  
*34.15* *2.01.10*  
*35.30* *01.55*  
*36.50* *01.45*  
*38.35* *01.35*  
*40.15* *01.35*  
*41.50* *01.35*  
*43.25* *01.30*  
*45.00* *01.20*  
*46.40* *01.00*  
*48.25* *00.30*  
*1.48.50* *1.50.15*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

*1420*

1600

1700

1800

1900

2000

2100

2200

2300

2400

*3600 153*

*1420 57*

*2180 96*

*1420*

*1516*

16° 14' South 142° 50' West.

OK

HCS  
3

~~3600 1V3~~

---

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